

## FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

Attorney Docket:

20002.0302

Application No.:

10/615,936

Applicants:

M. Rajagopalan et al.

Examiner:

To Be Assigned

Filing Date:

July 10, 2003

Group Art Unit:

3711

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS
	AA	6,511,388	1/03	Dewanjee	473	377
	AB	6,500,073 B1	12/31/02	Gobush et al.	473	199
	AC	6,488,591 B1	12/3/02	Gobush et al.	473	199
	AD	6,486,261	11/02	Wu et al.	525	332.6
	AE	6,462,303 B2	10/8/02	Brown	219	121.69
	AF	6,409,615 B1	6/25/02	McGuire et al.	473	383
	AG	6,383,092 B1	5/7/02	Ogg	473	378
	AH	6,379,138 B1	4/30/02	Puniello et al.	425	116
	AI	6,355,715 B1	3/02	Ladd et al.	524	432
	AJ	6,351,161 B2	2/26/02	Schneider et al.	327	108
	AK	6,338,684 B1	1/15/02	Winfield et al.	473	378
	AL	6,315,915 B1	11/13/01	Hebert et al.	216	67
	AM	6,315,680	11/2001	Dalton et al.	473	373
	AN	6,290,615 B1	9/18/01	Ogg	473	378
	AO	6,290,611	9/2001	Rajagopalan et al.	473	371
	AP	6,286,364 B1	9/11/01	Aoyama et al.	73	65.03
	AQ	6,277,034	8/01	Nesbitt et al.	473	372
	AR	6,267,694	7/01	Higuchi et al.	473	374
	AS	6,241,622 B1	6/5/01	Gobush et al.	473	199
	AT	6,235,230 B1	5/22/01	Puniello	264	278
	AU	6,213,898 B1	4/10/01	Ogg	473	383
	AV	6,207,784	3/01	Rajagopalan	528	71
	AW	6,180,722 B1	1/30/01	Dalton et al.	525	193
	AX	6,180,040 B1	1/30/01	Ladd et al.	264	248
	AY	6,149,535	11/21/00	Bissonnette et al.	473	354
	AZ	6,132,324	10/2000	Hebert et al.	473	378
	BA	6,129,881	10/10/00	Puniello	264	278
	BB	6,129,640	10/2000	Higuchi et al.	473	374
	BC	6,124,389	9/2000	Cavallaro et al.	524	432
	BD	6,117,024	9/00	Dewanjee	473	351
	BE	6,103,822	8/15/00	Housel et al.	524	840
	BF	6,075,223	6/13/00	Harrison	219	121.85
	BG	6,056,842	5/2/00	Dalton et al.	156	243
	BH	5,981,658	11/9/99	Rajagopalan et al.	525	72
	BI	5,981,654	11/9/99	Rajagopalan	525	66
	BJ	5,976,035	11/99	Umezawa et al.	473	364
	BK	5,971,870	10/99	Sullivan et al.	473	371
	BL	5,965,669	10/1999	Cavallaro et al.	525	221
	BM	5,959,059	9/00	Vedula et al.	528	76

Examiner

*David Buttner*

Date Considered

*5/18/05*

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Application

## FORM PTO-1449

INFORMATION DISCLOSURE CITATION

Attorney Docket:

20002.0302

Applicants:

M. Rajagopalan et al.

Filing Date:

July 10, 2003

Application No.:

10/615,936

Examiner:

To Be Assigned

Group Art Unit:

3711

BN	5,957,787	9/28/99	Hwang	473	379
BO	5,947,842	9/1999	Cavallaro et al.	473	373
BP	5,929,189	7/1999	Ichikawa et al.	528	76
BQ	5,919,100	7/6/99	Boehm et al.	473	354
BR	5,908,358	6/99	Wu	473	378
BS	5,902,855	5/99	Sullivan	525	221
BT	5,888,437	3/99	Calabria et al.	264	135
BU	5,885,173	3/99	Keller	473	385
BV	5,885,172	3/1999	Hebert et al.	473	354
BW	5,859,153	1/99	Kirk	525	481
BX	5,856,388	1/99	Harris et al.	524	320
BY	5,849,168	12/15/98	Lutz	264	755
BZ	5,833,553	11/98	Sullivan		
CA	5,827,134	10/98	Sullivan et al.	473	372
CB	5,820,488	10/13/98	Sullivan et al.	473	374
CC	5,816,937	10/1998	Shimosaka et al.	473	354
CD	5,813,923	9/1998	Cavallaro et al.	473	373
CE	5,810,678	9/1998	Cavallaro et al.	473	373
CF	5,803,831	9/1998	Sullivan		
CG	5,759,676	6/1998	Cavallaro et al.	428	215
CH	5,744,549	4/98	Lutz	525	129
CI	5,733,428	3/98	Calabria et al.	264	134
CJ	5,713,801	2/3/98	Aoyama	473	354
CK	5,692,974	12/97	Wu et al.	473	377
CL	5,688,191	11/1997	Cavallaro et al.	473	373
CM	5,681,898	10/1997	Pocklington	525	193
CN	5,661,207	8/26/97	Carlson et al.	524	414
CO	5,625,003	4/97	Kato et al.	525	208
CP	5,609,532	3/97	Chikaraishi	473	365
CQ	5,601,502	2/97	Hiraoka et al.	473	373
CR	5,580,057	12/96	Sullivan et al.	273	DIG. 22
CS	5,575,477	11/19/96	Hwang	473	379
CT	5,575,472	11/96	Magerman et al.	29	530
CU	5,565,524	10/96	Hamada et al.	525	208
CV	5,562,552	10/8/96	Thurman	473	379
CW	5,556,098	9/1996	Higuchi et al.	473	373
CX	5,553,852	9/96	Higuchi et al.	473	373
CY	5,543,467	8/96	Hamada et al.	525	207
CZ	5,496,496	3/96	Kajita	252	182.24
DA	5,492,972	2/96	Stefani	525	196
DB	5,484,870	1/96	Wu	528	28

Examiner

*David Gutten*

Date Considered

*5/18/05*

Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Application

## FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

Attorney Docket:

20002.0302

Application No.:

10/615,936

Applicants:

M. Rajagopalan et al.

Examiner:

To Be Assigned

Filing Date:

July 10, 2003

Group Art Unit:

3711

CR	DC	5,467,994	11/95	Moriyama et al.	273	222
	DE	5,461,109	5/95	Donofrio et al.	524	839
	DF	5,456,972	10/10/95	Roth et al.	428	224
	DG	5,439,227	8/1995	Egashira et al.	273	228
	DH	5,415,937	5/95	Cadorniga et al.	428	407
	DI	5,403,453	4/4/95	Roth et al.	204	164
	DJ	5,387,637	2/95	Sullivan	524	493
	DK	5,368,304	11/94	Sullivan et al.	273	220
	DL	5,334,673	8/94	Wu	273	235
	DM	5,316,298	5/94	Hutin et al.	273	78
	DN	5,314,187	5/1994	Proudfit	273	235R
	DO	5,298,571	3/94	Statz et al.	525	330
	DP	5,253,871	10/1993	Viollaz	273	228
	DQ	5,249,804	10/5/93	Sanchez	273	232
	DR	5,248,878	9/28/93	Ihara	219	121.69
	DS	5,222,739	6/93	Horiuchi et al.	473	356
	DT	5,184,828	2/1993	Kim et al.	273	228
	DU	5,159,035	10/92	Evani	526	196
	DV	5,150,906	9/92	Molitor et al.	273	220
	DW	5,120,791	6/92	Sullivan	525	196
	DX	5,104,126	4/92	Gentiluomo	273	238
	DY	5,072,944	12/1991	Nakahara et al.	273	220
	DZ	5,071,578	12/10/91	Ohkubo et al.	252	62.54
	EA	5,068,151	11/91	Nakamura	428	407
	EB	5,026,067	6/91	Gentiluomo	273	220
	EC	5,006,297	4/91	Brown et al.	264	234
	ED	5,002,281	3/1991	Nakahara et al.	273	220
	EF	5,000,459	3/91	Isaac	473	356
	EG	4,986,545	1/91	Sullivan	473	372
	EH	4,984,804	1/91	Yamada et al.	473	372
	EI	4,968,752	11/90	Kawamoto et al.	525	194
	EJ	4,960,281	10/2/90	Aoyama	273	232
	EK	4,956,438	9/11/90	Ruetman et al.	528	60
	EL	4,925,193	5/15/90	Melvin et al.	273	232
	EM	4,919,434	4/1990	Saito	273	235
	EN	4,914,152	4/90	Miyashita et al.	525	68
	EO	4,884,814	12/89	Sullivan	514	524
	EP	4,863,167	9/1989	Matsuki et al.	273	62
	EQ	4,858,924	8/89	Saito et al.	273	62
	ER	4,848,770	7/1989	Shama	273	228
	ES	4,781,383	11/88	Kamada et al.	273	228

Examiner

*Daniel Buttner*

Date Considered

*5/18/05*

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Application

## FORM PTO-1449

## INFORMATION DISCLOSURE CITATION

Attorney Docket:

20002.0302

Application No.:

10/615,936

Applicants:

M. Rajagopalan et al.

Examiner:

To Be Assigned

Filing Date:

July 10, 2003

Group Art Unit:

3711

DSR	ET	4,714,253	12/1987	Nakahara et al.	273	228
	EU	4,674,751	6/1987	Molitor et al.	473	385
	EV	4,650,193	3/1987	Molitor et al.	273	228
	EW	4,625,964	12/1986	Yamada	273	62
	EX	4,560,168	12/24/85	Aoyama	273	232
	EY	4,499,239	2/85	Murakami et al.	525	111
	EZ	4,431,193	02/1984	Nesbitt	273	235R
	FA	4,398,000	8/83	Kataoka et al.	525	437
	FB	4,389,365	6/21/83	Kudriavetz	264	297.8
	FC	4,337,947	7/82	Saito et al.	473	356
	FD	4,234,184	11/80	Deleens et al.	473	378
	FE	4,141,559	2/1979	Melvin et al.	473	372
	FF	4,123,061	10/78	Dusbiber	273	220
	FG	4,090,716	5/78	Martin et al.	473	384 X
	FH	4,062,825	12/77	Watabe	260	37 N
	FI	3,989,568	11/76	Isaac	156	182
	FJ	3,808,077	4/74	Rieser	156	102
	FK	3,490,146	1/70	Guichet	433	69
	FL	3,359,231	12/67	Kent	524	493
	FM	3,310,102	3/67	Trombe	165	133
	FN	3,262,272	7/26/66	Barakauskas et al.	—	—
	FO	3,147,324	9/64	Ward	—	—
	FP	696,366	3/1902	Kempshall	—	—
	FQ	696,353	3/1902	Richards	—	—

REF. NO.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
DE	FR WO 98/37929	9/98	PCT	—	—	
	/FS GB 2 335 368 A	9/99	Great Britain	—	—	
	/FT 0 637 459 A1	2/95	European Patent Office	—	—	
	/FU 2 260 546	4/93	United Kingdom	—	—	
	/FV 2 267 908	12/93	United Kingdom	—	—	
	/FW 2 278 609	12/94	United Kingdom	—	—	
	/FX 142228	5/94	Japan	—	—	

REF. NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
DB	FY Raj B. Durairaj et al., "Cast Polyurethanes From Resorcinol-Based Aromatic Diols" (Oct. 10-14, 1998).
	FZ Raj B. Durairaj, "HER Materials For Polyurethane Applications" (Spring, 1999).
	GA U.S. Patent Publication No. 2003/0232666
	GB U.S. Patent Publication No. 2003/0220464

Examiner	David Butner	Date Considered
		5/18/05

Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609.  
 Draw line through citation if not in conformance and not considered.  
 Include copy of this form with next communication to Application

<b>FORM PTO-1449</b>		<b>Attorney Docket:</b> 20002.0302	<b>Application No.:</b> 10/615,936
<b>INFORMATION DISCLOSURE CITATION</b>		<b>Applicants:</b> M. Rajagopalan et al.	<b>Examiner:</b> To Be Assigned
		<b>Filing Date:</b> July 10, 2003	<b>Group Art Unit:</b> 3711

<i>DR</i>	GC	U.S. Patent Publication No. 2003/0212240
	GD	U.S. Patent Publication No. 2003/0158001
	GE	U.S. Patent Publication No. 2003/0153716
	GF	U.S. Patent Publication No. 2003/0125134
	GG	U.S. Patent Publication No. 2003/0119989
	GH	U.S. Patent Publication No. 2003/0114255
	GI	U.S. Patent Publication No. 2003/0106442
	GJ	U.S. Patent Publication No. 2003/0096936
	GK	U.S. Patent Publication No. 2003/0088048
	GL	U.S. Patent Publication No. 2003/0078348
	GM	U.S. Patent Publication No. 2002/0160862
	GN	U.S. Patent Publication No. 2002/0160859
	GO	U.S. Patent Publication No. 2002/0082358
	GP	U.S. Patent Publication No. 2002/0079615
	GQ	U.S. Patent Publication No. 2002/0028885
	GR	U.S. Patent Publication No. 2002/0025862
	GS	U.S. Patent Publication No. 2001/0009310 A1
	GT	U.S. Patent Application No. 10/409,092 filed April 9, 2003 entitled "Water Resistant Polyurea Elastomers for Golf Equipment"
	GU	U.S. Patent Application No. 09/717,136 filed November 22, 2000 entitled "Method of Making Golf Balls"
<i>↓</i>	GV	U.S. Patent Application No. 09/442,845 filed November 18, 1999 entitled "Mold For A Golf Ball"

Examiner <i>David Ruttan</i>	Date Considered <i>5/18/05</i>
Examiner: Initial if reference consider, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Application	